

**CITY OF DANBURY**  
**DEPARTMENT OF PUBLIC WORKS**



**155 DEER HILL AVENUE**  
**DANBURY, CONNECTICUT 06810**  
**(203) 797-4537 FAX (203) 796-1586**

**MAYOR**  
**Honorable Mark D. Boughton**

**PUBLIC WORKS DIRECTOR**  
**Antonio Iadarola, P.E.**

November 28, 2011

Honorable Mayor Mark D. Boughton  
Honorable Members of the Danbury City Council  
155 Deer Hill Avenue  
Danbury, CT 06810

**RE: Monthly report for October 2011**

Dear Mayor Boughton and Members of the City Council:

I am pleased to present the Public Works Department report for the month of October.

The beginning of October brought more rain into the area. This year is approaching one of the wettest years in the history of the City with a total of 58 inches to date.

An e-waste collection was held at the Danbury Fair Mall on October 1<sup>st</sup>. An all time e-waste collection record was broken with 73,000 pounds of material accumulated for disposal.

A very unusual and serious snow storm moved into the area on October 29<sup>th</sup>. The Public Works Department started preparing early in week and was ready to mobilize as soon as the first flake fell. The storm, now referred to as the Autumn Nor'easter, started as snow sooner than predicted and dropped 17 inches into the City. Although public works was prepared, the amount of tree damage and power line damage was so significant that most roads became almost impassable. Approximately 200 roads were effected with downed trees and branches. Every possible asset was mobilized to perform clearing and clean-up. The Public Works Divisions really pulled together to begin what would be many hours of labor to get the roads open so emergency vehicles could pass safely.

Should you have any questions regarding any of the separately submitted division reports please call me at 203-797-4537.

**Construction Services report submitted by Thomas H. Hughes III, Superintendent:**

**Backus Avenue Bridge over Miry Brook:** The project is now in the closeout phase with ConnDot.

**B.I. Access Project:** (Earthmovers) We have requested to extend the grant & project with the Department of Economic Development until June 30, 2012. This will allow us to use the remaining funds on a point to point Broadband to fiber optic traffic signal communications system. The additional work to be performed will be at no cost to the City of Danbury and will be fully funded by the State of CT DECD. Construction Services has taken over the project inspection from our consultant VHB.

**White Street ARRA Project:** The contract was bid with A&J Construction as the low bidder. The contractor completed the paving on 8/30/10 and is at substantial completion work. We requested to perform some additional work on White Street under the project's ARRA funding. ConnDot agreed with our request. Which was install an additional 1,000 L.F. of sidewalk and widening on the south side of White Street east of the Locust Avenue intersection. This is fully funded at no cost to the City of Danbury. A&J has completed this additional work. A Semi Final Inspection was held with the A&J Construction, City of Danbury and representatives of ConnDot. A&J has completed the punch list work. With the remaining balance of our ARRA funding ConnDot has supported a formal request from the City of Danbury to install Dura-Threm crosswalks on White Street. We are in the process of preparing a change order to incorporate this additional work into the contract. This additional work will be at no cost to the City of Danbury. Construction Services has administered and inspected the project with a total reimbursement to the City for personnel.

**Tarrywile Parking Lot:** The parking lot has been completed, using our in-house resources and City Bid Lists to reduce the cost. Punch list remains and will be completed as weather conditions permit.

**Stadley Rough School Roof Project:** The project was awarded to Silktown Roofing. The contractor has completed the roofing installation and punch list items. The project is within budget and on time. The project is being administered by Construction Service.

**Danbury High School Synthetic Turf Replacement Edward (Copper) Crotty Stadium:** The project has been completed and the field G Max testing performed. The project was completed on schedule and within budget administered and managed by the Construction Services Division. There are several punch list items remaining.

**Head Start:** The demo portion of the project has been bid and awarded. The contractor has mobilized and completed the asbestos's abatement of the existing structure. The building has been demolished and the building debris (concrete, wood & other materials) have been disposed of as per the contract specifications. The backfilling operation has been completed and the contractor is demobilizing. Construction Services managed and administered this phase of the construction.

**Storm Debris Removal:** Construction Services has been working with all the Public Works Departments to assist with the planning and cleanup operation.

**Middle River Road Bridge:** Construction Services has been working with the Director of Public Works and City Engineer to assess the existing structure and develop a scope of work.

Construction Services continues to issue road opening permits and inspection of contractors work within the City of Danbury's rights of way throughout the city.

Should you have any questions regarding this report, please do not hesitate to call me at 203-797-8069.

**Engineering report submitted by Farid L. Khouri, P.E., City Engineer:**

**Assessment Projects:**

- Olive Street and Tilden Road Area Sanitary Sewer Extension: Project was awarded to GEG Construction, Inc. Construction has begun.
- Karen Road Sanitary Sewer Extension: Preliminary design and cost estimate completed. Mail survey sent out. Results to be summarized next month.
- Candleview Ridge Sanitary Sewer: Preliminary design and cost estimate completed. Mail survey to go out in next couple of months.
- Hawthorne Terrace Water: Waiting on State DPH final approval of contract. Obtained site plan approval for well house site. Contract for Phase III out to bid. Bids to be opened next month.
- Ryders Lane and Southern Boulevard Sanitary Sewer Extension: Preliminary design and cost estimate completed. Mail survey to go out in next couple of months.
- Broad Street Sanitary Sewer Extension: Preliminary design and cost estimate completed.

**Traffic:** Review of land-use development plans; handling of public complaints and routine repair and maintenance of traffic control signal devices and pavement markings.

**Staff Engineers:**

- Review various site plans, water and sewer applications, special exception applications, and subdivision applications for land-use approval of on-going development projects throughout the City.
- Field inspection of sanitary sewer, water mains and new roads are performed regularly on various developments.
- Review of drainage problems, including site visits, analysis and design.

**Survey crew:** Verification of R.O.W. on tree issues and locating storm drainage for the entire City using GPS equipment. Preparing surveys for in-house design of City projects.

**Head Start:**

- Phase I - Abating and demolishing the building: Project was awarded and construction began and will be completed by December 2011.
- Phase II – New building: Working with architect, utility companies and engineers on final drawings of the new building and site. Securing State approval.

**DHS Windows and Doors:** Working with architect and other consultants to complete plans for State submittal in the next month, Anticipated to be bid out in December 2011. Work will be done during the school summer vacation 2012.

Should you have any questions regarding this report or any other issues related to your Engineering Division, please do not hesitate to contact me at (203) 797-4641.

### **Highway Division report submitted by Duke Hart, Superintendent of Public Services:**

In the month of October, the Highway Division took advantage of the warm weather to repair drainage at Shelter Rock and Park Avenue Schools. A new drainage project on Ventura Avenue was also completed. A catch basin on Westville Avenue was repaired and repairs were made to separated pipes on Driftway Point, East Gate and Richter Drive. The crew performed repairs to the washout on the causeway on Hayestown Road. The in-house paving crew paved portion of Franklin Street Extension, Morgan Avenue, Sunnyside Avenue, Ken Oaks Driver, Windaway Road and the parking lot at Hatters Park. The pothole repair crew continued filling potholes and repairing curbs and aprons. Thirteen (13) signs were installed for City Center for the Museum in the Streets Program.

The Fall Leaf Pick-up Program began on October 17<sup>th</sup>, but has been suspended due to the Autumn Nor'Easter that moved into the area at the end of the month.

With the forecast of an early winter storm, the plows and sanders were put on the trucks in order to be prepared for whatever Mother Nature had in store. On October 29<sup>th</sup> into the 30<sup>th</sup> the crews were mobilized for plowing, sanding and road clearing.

Should you have any questions regarding this report, please feel free to contact me at 203-797-4605.

### **Parks Maintenance submitted by Duke Hart, Superintendent of Public Services:**

In the month of October the Parks Division crews were busy maintaining the athletic fields for the many fall sports programs. All of the fields were lined and mowed. Maintenance of the fields will continue throughout the season.

The Parks Maintenance Division continues to maintain the Post Office walk, City Center and the area of Kennedy Park. The flower beds and island have been prepared for the winter season.

The final three days of the month, the crews were mobilized to prepare for the arrival of the first snow storm of the season. With a record snowfall, the crews were busy clearing and sanding.

Should you have any questions regarding this report, please feel free to contact me at 203-796-1558.

### **Forestry Division report submitted by Mark Miller, Foreman Forestry Department:**

In the month of October, the Forestry Division performed pruning and trimming at City Hall, Driftway Road, Park Avenue and McDermott Street to start to prepare some of the plow routes for the winter season. Take-downs were performed at Bear Mountain Park and Mill Ridge School, Deer Hill Avenue, Durant Street, Cedar Street, Pleasant Street and Topstone Drive.

Once the snow storm came into the area and tree damage commenced, the Forestry Division was mobilized to open the many effected roads. Due to the monumental damage from the storm, the Forestry Division worked almost around the clock to open the roads as quickly as possible. Every road and street

in the city was littered with trees, branches and other storm damage. Work will continue for several weeks to clear the debris.

The efforts of the other divisions of the Public Works Department were very much appreciated.

Should you have any questions regarding this report, please feel free to contact me at 203-797-4609.

### **Public Buildings report submitted by Rick Palanzo, Superintendent of Public Buildings:**

**EECBG Grant:** There are several active projects that are being funded by this federal grant. The projects are in the city hall and the library. I anticipate three more projects beginning the last quarter of this calendar year. I will go into detail under each facility.

**Public Works – Highway:** The Otto co. has been retained to replace the HVAC system in the Highway department offices with a recycled roof top unit. This RTU along with new insulated duct work will improve the air quality in the offices and locker room. The project is has been completed. By changing to a roof top mounted unit the office and associated spaces served by this system will introduce fresh air into the work space as required by code. The new HVAC unit is performing well and should keep the Highway department comfortable throughout the year.

**Forestry & Equipment Maintenance:** The antiquated garage heaters in the Forestry and Equipment Maintenance garages have been replaced with newer recycled equipment. This newer garage equipment, while not state of the art in efficiency, will be more economical to operate and will provide better heat. The office heaters have been replaced with new ones that meet the current safety code. This work was performed with our own licensed staff.

**City Hall:** The energy saving project at City Hall is hidden in the penthouse mechanical room, but will be enjoyed by everyone in the building. This project includes changing the old air handler motors to new NEMA premium motors and adding variable frequency drives. What this means is the new motors are now a top efficiency design model and the speed that the motors turn will be determined by the temperature sensed through the building. This will increase comfort levels in the building and save energy. Another part of this project is the installation of carbon dioxide sensors throughout the building. These sensors will monitor the CO2 and automatically adjust the fresh air to insure that the building maintains the appropriate ratio of fresh air. This control installation helps to keep the building at an economically comfort level. This project was completed at the end of October.

The handicapped accessible lavatory project currently underway on the third floor has been completed. We now have an accessible lavatory adjacent to our public meeting space.

In order to make City Hall a more secure building in which to work, this department is implementing suggestions from a police department assessment. We have increased the site lighting, trimmed overgrown trees and shrubs, add security monitoring in the lobby, and will make the central and south stairwells accessible to employees only. Non-employees will enter only through the main lobby. This work should be completed by the end of October.

**Old Jail Building:** The Old Jail has received much needed repairs to deteriorating masonry and wooden accents. The Old Jail will retain its historical appearance and receive a new lease on life through the use of modern construction materials. This work is now 95 percent complete. We are awaiting the installation of a replacement door. The entire project will be completed in November.

The WIC program now occupies almost 80% of the main level. They are very pleased with the renovations my staff performed to accommodate their programs and are very pleased.

We will be replacing the HVAC unit for the large room over the next 90 days. The old defunct unit has been removed and we are awaiting the replacement unit.

**Hatters Park Building:** The ADA compliant work at the Hatters Park Bowling Lanes is completed. The new ADA approved entrance and the accessible lavatory is useable. This project makes this city building ADA compliant and handicapped citizens will now be able to utilize this facility for recreation.

**Danbury Public Schools:** This \$11.5 M schools energy conservation project with Honeywell Corporation as the construction manager is well underway. The boiler rooms at Danbury High School, Broadview Middle School and Mill Ridge Intermediate School are receiving complete retrofits. Mill Ridge Primary School, King Street Intermediate and Stadley Rough School are receiving redundant boilers. Park Avenue and Broadview Middle schools are receiving a complete replacement of their steam traps. Danbury High School will also be receiving new wireless digital thermostats and new replacement windows. The window replacement portion of this project will take place next summer (2012). Heat and hot water is available in every school involved in this project. The heating portion of this project is anticipated to be complete by the end of January 2012.

**Requests for Maintenance and Repairs:** Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of October 2011. In the month of October we received 233 new work requests and completed 248 work requests. In reviewing this report, you will find the repair time that was expended in major work categories, (current month versus previous month). Also listed is the total number of work order hours completed, (current month versus the previous month).

Public Building mechanics were engaged in plumbing repairs with a total of 330.50 man-hours dedicated to this service. The next largest area of concentration was in mechanical repair work, utilizing 131.00 man-hours of labor. Electrical repairs came in as the third highest category with 58.50 man-hours.

Should you have any questions regarding this report, please do not hesitate to contact me at 797-4584. I am happy to discuss any portion of this report with you.

**Public Utilities report submitted by David Day, Superintendent of Public Utilities:**

Enclosed is the monthly report to the Common Council for activities that took place in October 2011. Also attached is the Public Utilities Vehicle Maintenance Report.

As of November 17, 2011 there are 113 hydrants out of service. Repairs to hydrants are continuing. I will be happy to review the information with you.

Sincerely,

*Antonio Iadarola, P.E.*

Antonio Iadarola, P.E.  
Director of Public Works

# APPENDIX “A” PUBLIC BUILDINGS

City of Danbury  
Monthly Report October 2011

	Labor Hours	Total Hours This Month	Total Hours Last Month	Percent Difference	Percent Change
Carpentry		8.00	5.50	2.50	31.25
City Bldgs	8.00				
Schools	0.00				
Electrical		86.00	71.00	15.00	17.44
City Bldgs	58.50				
Schools	27.50				
HVAC		39.00	86.00	-47.00	-120.51
City Bldgs	26.50				
Schools	12.50				
Locksmith		3.00	10.00	-7.00	-233.33
City Bldgs	3.00				
Schools	0.00				
Maintenance		24.00	27.50	-3.50	-14.58
City Bldgs	22.50				
Schools	1.50				
Mechanical		131.50	228.96	-97.46	-74.11
City Bldgs	131.50				
Schools	0.00				
Plowing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		330.50	231.75	98.75	29.88
City Bldgs	36.25				
Schools	294.25				
Roofing		16.50	17.00	-0.50	-3.03
City Bldgs	6.00				
Schools	10.50				

New Work Requests received 233 month  
Work Requests Completed 248 month

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# MEMORANDUM

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**DATE:** November 9, 2011  
**TO:** City of Danbury, Common Council  
**FROM:** *David M. Day, P.E.*, Superintendent – October 2011  
**RE:** Sanitary Sewer Collection System Maintenance

Complaints: 11

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Number Received: 11

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Number Completed: 11

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Pipe Cleaned: 1,500 FT

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Gallons of Water Used: 9,000

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Pipe Inspected:

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**To:** David Day, P.E., Supt. of Public Utilities, City of Danbury

**From:** Walter Royals, Project Manager **Walter Royals**

**Subject:** WPCP Report For Month of: Oct '11

**Date:** 11/16/11

**I. Wastewater Treatment:**

A)	Sewage Processed:	10.6	MGD (Daily Avg)	327.2	Million Gallons Total
B)	Septic Waste Processed:			1,287,750	Gallons Total
C)	Sludge Pumped To Digesters:			470,667	Pounds Total

II.	Wastewater Quality	Influent	Effluent	% Removal	Effluent Limit
A)	BOD (mg/l)	193	5	97	30 mg/l and 85%
B)	Total Suspended Solids (mg/l):	287	4	98.6	30 mg/l and 85%
C)	Total Phosphorus (mg/l):	3.8	0.4	89	1.0 mg/l
D)	Ammonia (mg/l):	18.0	0.24	99	1.9 mg/l
E)	Total Nitrogen (lbs/Day):	4,134	537	87	486 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

**III. Pump Station Operation:**

A)	Beaver Brook:	722.9	Hours Run
B)	Southfield:	44.5	Hours Run
C)	Mill Plain:	655.2	Hours Run
D)	Backus:	279.3	Hours Run
E)	Tarrywile	280.9	Hours Run
F)	Turner Road:	104.0	Hours Run
G)	Ford Avenue:	29.2	Hours Run
H)	Indian Glen:	129.3	Hours Run
I)	Delay Street:	23.7	Hours Run
J)	Hayestown Road:	67.0	Hours Run
K)	Kenosia Avenue:	3.2	Hours Run
L)	Larson Drive:	58.2	Hours Run
M)	Landfill:	218.0	Hours Run
N)	Thrope Street	15.3	Hours Run
O)	Poets Landing	12.9	Hours Run
P)	Rogers Park	21.0	Hours Run

Total Station Alarms: 30

TO : City Council - City of Danbury

FROM : David Day, Superintendent of Public Utilities

DATE : November 14, 2011

RE : WATER DEPARTMENT REPORT: OCTOBER 2011

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#### I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>84.6</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>95.4</u>	<u>MG.</u>
C) Kenosia Well Field :	<u>0</u>	<u>MG.</u>
D) Osborne Street Well Field :	<u>0</u>	<u>MG.</u>
E) Other :	<u>0</u>	<u>MG.</u>

( MG. = Million Gallons )

#### II. RAINFALL :

A) Month :	<u>5.0</u>	<u>inches</u>
B) Past 12 Months (running total) :	<u>68.2</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>60.4</u>	<u>inches</u>

#### III. WATER STORAGE :

	date:	10/3/11	
		<u>Current Reading</u>	<u>Historical Average</u>
A) East Lake Reservoir :		<u>100.0</u> %	<u>74.7</u> %
B) Margerie Lake Reservoir :		<u>100.0</u> %	<u>79.3</u> %
C) West Lake Reservoir :		<u>100.0</u> %	<u>77.6</u> %
D) Total :		<u>100.0</u> %	<u>77.9</u> %

#### IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>3.88</u>	<u>MG.</u>

C) Shelter Rock Pump Station :	2.28	MG.
D) WestConn Pump Station :	2.16	MG.
E) Margerie Pump Station :	1.48	MG.
F) Pleasant Acres:	1.62	MG.
G) Nabby Road:	1.22	MG.
H) Harvest Hill:	2.04	MG.
I) West Lake High Service :	52.6	MG.
J) Total Water Pumped (A-I) :	67.3	MG.
( MG. = Million Gallons )		

#### V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	0.0	MG.
B) Padanaram to Margerie Reservoir :	0.0	MG.
C) Kohanza to West Lake Reservoir :	0.0	MG.
D) Kenosia Diversion to West Lake Reservoir :	0.0	MG.
E) Kenosia Wells to West Lake Reservoir :	0.0	MG.
F) Total Water Transferred (A-E):	0.0	MG.
( MG. = Million Gallons )		

#### VI. ALGAE CONTROL :

A)	NONE
B)	
C)	
D)	

#### VII. SURVEY OF WATER SOURCES :

A)	Daily testing of treated and untreated water by water quality laboratory.
B)	

#### VIII. SUPERINTENDENTS NOTES :

**MAINTENANCE REPORT - BUILDING # 6 - WATER**  
**10/1/2011**

10/3/2011	276DA	WATER	FRONT END
10/4/2011	276DA	WATER	FRONT END
10/12/2011	TRIMER	WATER	CARB&HEAD
10/14/2011	338DA	WATER	SERVICE
10/17/2011	RV	WATER	NO START
	KABOTA	WATER	BLADES HOUSING
10/18/2011	238DA	WATER	SERVICE TIRELIGHT
10/19/2011	176DA	WATER	SERVICE ENGINE LIGHT HEATER
10/20/2011	176DA	WATER	ENGINE LIGHT HEATER
10/24/2011	SANDER	WATER	SERVICE
10/27/2011	SANDER	WATER	SERVICE
10/28/2011	SANDER	WATER	SERVICE
10/31/2011	JCB	WATER	STARTER
	176DA	WATER	FLAT

**MAINTENANCE REPORT - BUILDING # 6 - GENERAL FUND  
10/1/2011**

10/3/2011	333DA	POLICE	A/C COMPRESSOR ABS LIGHT
	265DA	POLICE	SERVICE
10/4/2011	333DA	POLICE	A/C COMPRESSOR ABS LIGHT
	DET	POLICE	TRANNY
10/5/2011	63DA	PUB BLD	ENGINE
	333DA	POLICE	A/C COMPRESSOR ABS LIGHT
	265DA	POLICE	OVERHEATING
10/6/2011	240DA	POLICE	SERVICE
	DET	POLICE	WINDOW REGULATOR
	265DA	POLICE	OVERHEATING
10/7/2011	240DA	POLICE	RUNS POOR
	DET	POLICE	TRANNY LEAK
	265DA	POLICE	RADIATOR
	16DA	TRAFFIC	DOOR HANDLE SERVICE
10/11/2011	10DA	POLICE	OVERHEATING
	240DA	POLICE	RUNS POOR
	16DA	TRAFFIC	DOOR HANDLE
10/12/2011	DET	POLICE	TRANNY COOLER
	10DA	POLICE	OVERHEATING
10/13/2011	192DA	AIRPORT	ENGINE LIGHT &SERVICE
	DET	POLICE	SERVICE
	271DA	POLICE	SEAT SWITCH SPOTLIGHT &BATTERY
	10DA	POLICE	COOLING FAN
10/14/2011	225DA	POLICE	A/C BRAKES SERVICE
	DET	POLICE	TRANNY COOLER
10/17/2011	271DA	POLICE	ALTERNATOR
	225DA	POLICE	A/C BRAKES SERVICE
10/18/2011	DET	POLICE	SERVICE
	225DA	POLICE	A/C BRAKES SERVICE
10/19/2011	DET	POLICE	SERVICE
	225DA	POLICE	ELECTRICAL
10/20/2011	223DA	POLICE	ANTIFREEZE LEAK
	225DA	POLICE	ELECTRICAL
10/21/2011	10DA	POLICE	ABS MODULE PS LEAK
	240DA	POLICE	FLAT REPAIR
10/24/2011	243DA	POLICE	BRAKES SERVICE
	DET	POLICE	BRAKES
10/25/2011	223DA	POLICE	INTAKE MANIFOLD

	217DA	WM	ELECTRICAL
10/26/2011	223DA	POLICE	INTAKE MANIFOLD
	6DA	POLICE	FRONT END
10/27/2011	262DA	POLICE	SERVICE
	DET	POLICE	TRANNY COOLER
10/28/2011	262DA	POLICE	ANTIFREEZE LEAK
	DET	POLICE	TRANNY COOLER
10/31/2011	DET	POLICE	FLAT SERVICE
	262DA	POLICE	SERVICE

## EQUIPMENT MAINTENANCE

Date	Vehicle	Repair Provided	Department
10/3/11	Compressor	Air tires	Highway
	9	Tenco body	Highway
	355DA	P/S	Parks
	105	Batteries	Highway
	178DA	Cutting head	Highway
		R/C Shelter Rock	
	85	P/S hose	Highway
10/4/11	212	Shifter handle	Highway
	9	Exhaust	Highway
	40	Hydraulic hose	Highway
	178DA	RC Won'r run	Highway
	121DA	Service/ Battery	Highway
10/5/11	82	Service	Highway
	32	Tenco	Highway
		R/C Driftway Shear	
	40	pin	Highway
		Check Electrial / no	
	178DA	start	Highway
10/6/11	40	R/S Sidebroom	Highway
	1	Air tires	Highway
	17	Service / Tenco	Highway
		L/S Door inside	
10/7/11	272DA	handle	Parks
	17	Body	Highway
		Flush fuel,clean	
	Wacker	spark plugs	Highway
10/11/11	Sanders		Highway
	121DA	Flat	Unit
10/12/11	Sanders		Highway
10/13/11	30	Hydraulic pump	Highway
	17	Service body	Highway
		R/C Boulevard	
	83	Stearing	Highway
	272DA	Service	Parks
10/14/11	30	Hydraulic pump	Highway
	14	Jump start	Highway
	272DA	Service	Parks
	Sanders		Highway

10/17/11	272DA	Brakes / E cable	Parks
	20	Air leak / Tenco	Highway
	37	Air leak	Highway
10/18/11	181DA	Adjust brakes	Highway
	20	Tenco	Highway
	272DA	E brake cables	Parks
	212	R/C Ignition switch	Highway
	138	Service	Highway
10/19/11	135	Service	Highway
	272DA	Front brakes	Parks
	82	Seat	Highway
	50	Door ajar light	Highway
	19	Radiator	Highway
10/20/11	19	Radiator	Highway
	272DA	Front brakes / hub	Parks
	61	L/R Flat	Highway
		R/C Boulevard	
	85	Stalled	Highway
		L/S King pin / Oil	
10/21/11	19	pan	Highway
	85	Check stalling	Highway
	30	Jump start	Highway
	86	Jump start	Highway
10/24/11	92DA	Jump start	Forestry
		L/S King pin / Oil	
	19	pan	Highway
	355DA	LF Wheel bearing	Highway
10/25/11	19	Oil pan / radiator	Highway
	355DA	Brake lines	Parks
	83	RF drag shoe	Highway
		R/C Morgan Fuel	
	Whacker	line hole	Highway
10/26/11	19	Radiator	Highway
	355DA	Brake lines	Parks
10/27/11	355DA	Brake lines	Parks
	19	Rear tires	Highway
	29	Fuel tank	Highway
	171	Axel gasket	Forestry
10/28/11	19	Lights	Highway
	29	Fuel tank	Highway
	47DA	Lights / plow leak	Parks
	161DA	Service	Engineering
		Adj brakes / adj	
	38	clutch	Highway

	25	Plow won't turn	Highway
	14	Plow hose	Highway
	35	Rear brakes service	Highway
10/29/11	35	Rear brakes service	Highway
		Service / plow	
<b>Storm</b>	47DA	fittings	Parks
		Take off sander	
	15	hoses / rear tires	Highway
		Truck #	
Install	Sanders	77,47,10,31,21,8,87	Highway
	29	Plow fittings	Highway
	2	Wiper arm	Highway
10/30/11	20	RC Sawmill No air	Highway
		Exhaust stack	
<b>Storm</b>	31	ripped off	Highway
	59	Batteries	Highway
		Remove front drive	
	82	shaft	Highway
	67	Front tires	Highway
		RC West Redding	
	7	No wipers	Highway
	10	Hydraulic line	Highway
	31	Hydraulic line	Highway
	27	Hydraulic line	Highway
	29	Lights	Highway
	32	Plow guide	Highway
		Wiper motor /	
	16	switch	Highway
		RC Starrs Plain	
	15	Out of fuel/ towed in	Highway
10/31/11	77DA	Wiper arm / blade	Parks
	31	Radio antenna	Highway
	16	Wiper motor	Highway
	7	Wiper	Highway
	47	Rear tires and tarp	Highway
		Air leak and sander	
	20	light	Highway

